| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|---|---------------------|---------|------------------|
| L1 | 23 | ("20020125563" "3199000" "5526867" "4788765" "11000728" "0523981" "1187198" "200276551"). pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 15:33 |
| L2 | 39 | ("3404319" "3537175" "3544857" "3684464" "3744120" "3766634" "3768986" "3854892" "3911553" "3958075" "3993411" "3994430" "4129243" "4156148" "4196411" "4215235" "4218724" "4250481" "4266140" "4394530" "4449165" "4449292" "4488202" "4498120" "4574162" "4577387" "4630174" "4700273").PN. OR ("4788765"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/01 15:51 |
| L3 | 45 | ("3946276" "3958075" "4156148" "4196411" "4215235" "4218724" "4250481" "4257091" "4266140" "4394530" "4396971" "4449165" "4449292" "4459607" "4588202" "4498120" "4509096" "4546410" "4546411" "4550333" "4574162" "4577387").PN. OR ("4700273"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/01 15:52 |
| L4 | 2 | "6938333".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 16:00 |
| L5 | 19 | ("3852877" "3994430" "4284437" "4531044" "4592781" "4762553" "4901137" "4906812" "4962291" "4987677" "5672848" "5707715" "5767576" "6033787" "6040039" "6110297" "6123895" "6175084" "6197435").PN. OR ("6938333"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON - | 2006/02/01 16:39 |
| L6 | 8 | ("3178807" "5006417" "5384087" "5616421" "5902943").PN. OR ("6123895").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/01 16:48 |

| L7 | 16 | ("4770953" "5011732" "5130498" "5145540" "5213877" "5529852" "5616421" "5675474").PN. OR ("6033787"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/01 16:54 |
|-----|------|---|---|----|----|------------------|
| L8 | 516 | 174/252.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 16:59 |
| L9 | 1 | 8 and ceramic and (heat adj (sink or spreader)) and ((work\$harden\$2 adj layer) or (shot near peen\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 16:59 |
| L10 | 1194 | 174/250.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 16:58 |
| L11 | 3106 | 174/255-257.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 16:58 |
| L12 | 4030 | 10 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 16:58 |
| L13 | 1 | 8 and ceramic and (heat adj (sink or spreader)) and ((work\$harden\$3 adj layer) or (shot near peen\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 16:59 |
| L14 | 0 | 12 and ceramic and (heat adj (sink or spreader)) and ((work\$harden\$3 adj layer) or (shot near peen\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 16:59 |
| L15 | 4455 | 8 10 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 16:59 |

| L16 | 7 | 15 and peen\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | ON | 2006/02/01 17:07 |
|-----|------|----------------------------|---|----|----|------------------|
| | | | DERWENT; IBM_TDB | | | |
| L17 | 6 | 15 and ceramic and peen\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:17 |
| L18 | 2608 | 361/704.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:10 |
| L19 | 957 | 361/707.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:10 |
| L20 | 3120 | 18 19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:10 |
| L24 | 4810 | 361/704, "707".ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:16 |
| L25 | 3120 | 361/704,707.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:16 |
| L26 | 1817 | 361/719,720.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:17 |

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|-----|------|---|---|---------------------------------------|----|------------------|
| L27 | 4246 | 25 26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:17 |
| L28 | 4246 | 361/704,707,719,720.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:17 |
| L29 | 168 | 28 and ceramic and (peen\$3 or worked\$harden\$3 or (work adk harden\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:26 |
| L30 | 166 | 29 not 17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:19 |
| L32 | 118 | 30 and (heatsink or (heat adj sink) or (heat adj spreader)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:20 |
| L33 | 4 | 28 and ceramic and (peen\$3 or worked\$harden\$3 or (work adj harden\$3)) and (heatsink or (heat adj sink) or (heat adj spreader)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:31 |
| L34 | 7723 | 29/830,831,832,840,842,843.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:31 |
| L35 | 0 | 34 and ceramic and (peen\$3 or worked\$harden\$3 or (work adj harden\$3)) and (heatsink or (heat adj sink) or (heat adj spreader)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:33 |

| L36 | 3228 | 428/545,210,615,627.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:33 |
|-----|--------|--|---|----|----|------------------|
| L37 | 1 | 36 and ceramic and (peen\$3 or worked\$harden\$3 or (work adj harden\$3)) and (heatsink or (heat adj sink) or (heat adj spreader)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:42 |
| L38 | 1451 | 257/706,180.21.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:42 |
| L39 | 1 | 38 and ceramic and (peen\$3 or worked\$harden\$3 or (work adj harden\$3)) and (heatsink or (heat adj sink) or (heat adj spreader)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:59 |
| L40 | 94 | ("3880633" "4471369" "4665492" "4685081" "4709254" "4752352" "4811082" "4924291" "4972253" "4982311" "5048179").PN. OR ("5278442"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/01 17:58 |
| L41 | 1 | 257/753.ccls. and ceramic and (peen\$3 or worked\$harden\$3 or (work adj harden\$3)) and (heatsink or (heat adj sink) or (heat adj spreader)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:00 |
| L42 | 2 | 228/121,180.21.ccls. and ceramic and (peen\$3 or worked\$harden\$3 or (work adj harden\$3)) and (heatsink or (heat adj sink) or (heat adj spreader)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:02 |
| L43 | 141948 | "361"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:15 |

| L44 | 137702 | 43 not 28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:02 |
|-----|--------|--|---|----|----|------------------|
| L45 | 12200 | 44 and ceramic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:03 |
| L46 | 2740 | 44 and ceramic adj (layer or substrate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:03 |
| L47 | 1406 | 45 and (heat adj (sink or spreader)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:04 |
| L48 | 1 | 47 and (work-harden\$3 or (work adj harden\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:05 |
| L49 | 0 | ("2004/0022029").URPN. | USPAT | OR | ON | 2006/02/01 18:10 |
| L50 | 1 | 43 and (heat adj (sink or spreader)) and (warp or warpage) and (peen\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:16 |
| L51 | 1 | "174"/\$.ccls. and (heat adj (sink or spreader)) and (warp or warpage) and (peen\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:17 |
| L52 | 0 | "29"/\$.ccls. and (heat adj (sink or spreader)) and (warp or warpage) and (peen\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:17 |

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|-----|---|---|---|----|----|------------------|
| L53 | 0 | "428"/\$.ccls. and (heat adj (sink or spreader)) and (warp or warpage) and (peen\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:17 |
| L54 | 1 | "257"/\$.ccls. and (heat adj (sink or spreader)) and (warp or warpage) and (peen\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:18 |
| L55 | 4 | "228"/\$.ccls. and (heat adj (sink or spreader)) and (warp or warpage) and (peen\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:18 |
| L56 | 5 | ("6028770" "20030219576").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:27 |
| L57 | 3 | (ceramic adj (substrate or layer)) and ((heat adj (sink or spreader)) with (work-harden\$3 or work adj harden\$3)) and (peen\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:30 |
| L58 | 9 | (ceramic adj (substrate or layer)) and (heat adj (sink or spreader)) and (peen\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:35 |
| L59 | 5 | (ceramic adj (substrate or layer)) and ((metal adj (layer or substrate)) with (peen\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 18:36 |